Project Descriptions for February 6, 2019

Board of Trustees Meeting

Clean Water and Community Septic Management Program Commitments

Millville CW-19-02
Community Septic Management Program

Nantucket CW-19-01
Community Septic Management Program

Clean Water and Community Septic Management Program Agreements

Millville CWT-19-02
Community Septic Management Program

Nantucket CWT-19-01
Community Septic Management Program

Drinking Water Agreements

Gloucester DW-18-03
The Babson Water Treatment Plant (WTP) Emergency Project is designed to address issues that are currently causing unacceptable Water Treatment Plant (WTP) shutdowns. These include problems with the generator transfer switch, the actuated WTP intake valve and meter vaults, and with eels clogging the pumps and sedimentation basin blow down valves. The scope of work encompasses installation of a new generator Automatic Transfer Switch, of a new accessible vault containing a new battery backed-up intake valve and inflow meter, and a new Eel Control Vault with accessible screens and instrumentation. Ancillary work considered appropriate to complete in this project includes new meters and vaults for the Goose Cove-Babson Reservoir Connector and for the Babson Waste Line, rehabilitation of the Low Lift pumps presumed damaged from eels, and provision of a spare Low Lift pump.

Revere DW-18-08
This project includes the preliminary planning and investigations required for Water Main Improvements in the densely populated Oak Island neighborhood. Results of hydrant fire flow tests and investigations indicate the distribution system cannot maintain 20 psi residual pressure during a fire. This neighborhood is fed by a single aging 6-inch unlined cast iron water pipe that crosses beneath the MBTA train tracks. Because of this sensitive location, the City will need to obtain survey, preliminary borings, easements and other preliminary information prior to design of this water main replacement. This project will be vital for understanding the existing conditions, evaluating the most cost effective route and approach for proper design.